

#5

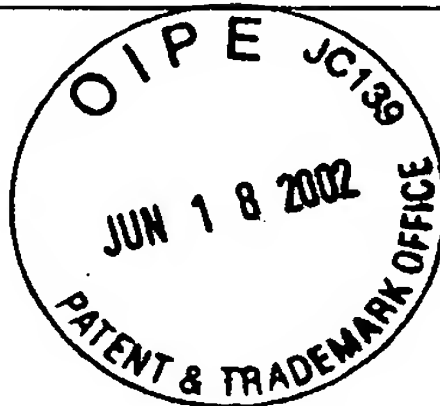
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Baker et al.

Application No.: 10/073,333

Filed: February 13, 2002

For: HUMAN TUMOR NECROSIS FACTOR
RECEPTOR TR16



Docket No.: PF514P1

Group Art Unit: 1614

Examiner: Not Yet Assigned

STATEMENT UNDER 37 C.F.R. § 1.825(a)-1.825(b)

Commissioner for Patents
Washington, DC 20231

Sir:

Pursuant to 37 C.F.R. § 1.825(a), Applicants hereby certify that the substitute sequence listing information recorded in written and computer readable form (diskette) and submitted herewith, contains sequence information which is identical to that contained in the specification as originally filed and, therefore, the Substitute Sequence Listing is completely supported by the specification as originally filed. No new matter has been introduced.

Applicants further certify under 37 C.F.R. § 1.821(b) that the paper copy of the Substitute Sequence Listing submitted herewith is identical in content to the computer readable form.

Respectfully submitted,

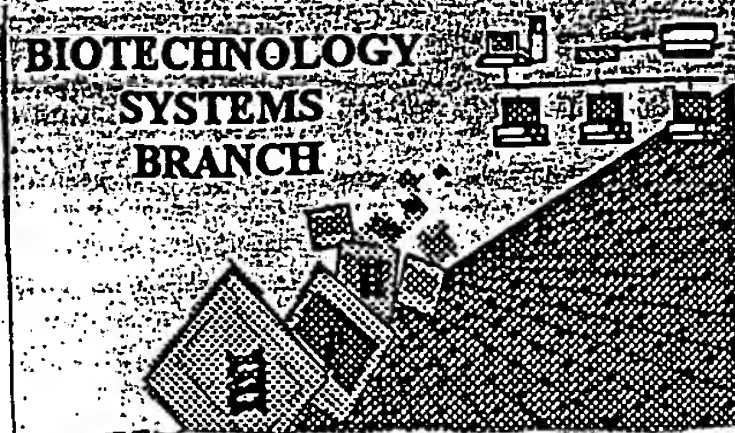
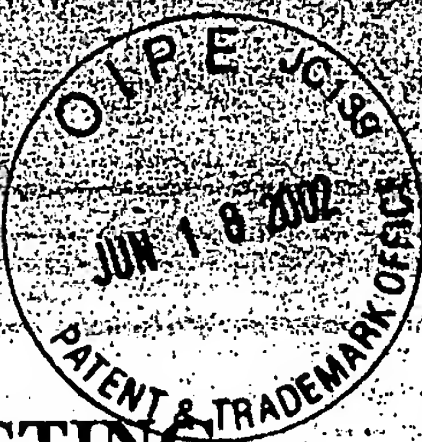
Dated: June 18, 2002

Lin J. Hymel

Registration No.: 45,414
HUMAN GENOME SCIENCES, INC.
9410 Key West Avenue
Rockville, Maryland 20850
(301) 251-6015\

Enclosures

**RAW SEQUENCE LISTING
ERROR REPORT**



0590
0307

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/073,333
Source: OIPF
Date Processed by STIC: 3/1/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/073,333

DATE: 03/01/2002
TIME: 10:40:38

Input Set : A:\EP.txt
Output Set: N:\CRF3\03012002\J073333.raw

(see next page)

Does Not Comply
Corrected Diskette Needed

1 <110> APPLICANT: Kevin Baker et al.<120> HUMAN
W--> 2 <130> FILE REFERENCE: PF514P1<150> 60/268,364<151> 2001-
W--> 0 <120> TITLE INVENTION:
C--> 3 <140> CURRENT APPLICATION NUMBER: US/10/073,333
C--> 3 <141> CURRENT FILING DATE: 2002-02-13
3 <150> PRIOR APPLICATION NUMBER: 09/637,856<151> 2000-08-10<150> 60/148,348<151> 1999-
08-12<150>
W--> 4 <150> PRIOR APPLICATION NUMBER: 1999-08-13<150> 60/148,758<151> 1999-08-16<150>
W--> 5 <150> PRIOR APPLICATION NUMBER: 1999-08-13<150> 60/149,181<151> 1999-08-17<150>
W--> 6 <150> PRIOR APPLICATION NUMBER: 1999-08-18<150> 60/149,498<151> 1999-08-19<160> 43
<170>

ERRORED SEQUENCES

W--> 7 <210> SEQ ID NO: 1<211> 3390<212> DNA<213> human<400> 1
W--> 8 <211> LENGTH:
W--> 8 <212> TYPE:
W--> 8 <213> ORGANISM:
E--> 8 <400> SEQUENCE:

8	atgctgttcc	gcgcccgggg	gccggtacgg	ggcaggggct	ggggggcggcc	ggcggaggct	60
10	ccccgcgcg	ggcgctcgcc	gccctggagc	cccgcctgga	tttgctgctg	ggcgctcgcc	120
12	ggctgccagg	cggcctgggc	tggggacctg	ccctcctcct	ccagccgccc	gcttcctcct	180
14	tgccaggaga	aagattatca	ctttgaatat	acggaatgtg	atagcagtgg	ctccagggtg	240
16	agagttgcca	ttccaaattc	tgcagtggac	tgctctggcc	tgcttgacct	agtgaaggcc	300
18	aaagaatgca	ctttctcctg	tgcttctgga	gagtattctg	aaatgaagaa	ccaggatatg	360
20	agtaagtgtg	gtgaaggcac	ctattccttg	ggcagtggca	tcaaatttga	tgaatgggat	420
22	gaattgccgg	caggattttc	taacatcgca	acattcatgg	acactgtggt	gggcccttct	480
24	gacagcaggc	cagacggctg	taacaactct	tcttgatcc	ctcgtggaaa	ctacatagaa	540
26	tctaatactg	atgactgcac	ggtgtctttg	atctatgctg	tgcaccttaa	gaagtcaggc	600
28	tatgtcttct	ttgagtacca	gtatgtcgac	aacaacatct	tctttgagtt	ctttattcaa	660
30	aatgatcagt	gccaggagat	ggacaccacc	actgacaagt	gggtaaaact	tacagacaat	720
32	ggagaatggg	gctctcattc	tgtaatgctg	aaatcaggca	caaacatact	ctactggaga	780
34	actacaggca	tccttatggg	ttctaaggcg	gtcaagcctg	tgctggtaaa	aaatatcaca	840
36	attgaagggg	tggcgtagac	atcagaatgt	tttccttgca	agccaggcac	attcagcaac	900
38	aaaccagggt	cattcaactg	ccagggtgtg	cccagaaaca	cctattctga	gaaaggagcc	960
40	aaagaatgta	taaggtgtaa	agacgactct	caattttcag	gatccagtga	gtgtacagag	1020
42	cgccctcctc	gtaccacaaa	agactatttc	cagatccata	ctccatgtga	tgaagaagga	1080
44	aagacacaga	taatgtacaa	gtggatagag	cccaaaatct	gccgggagga	tctcacagat	1140
46	gctattagat	tgcccccttc	tggagagaag	aaggattgtc	cgccttgcaa	ccctggattt	1200
48	tataacaatg	gatcatcttc	ttgccatccc	tgtcctectg	gaacattttc	agatggaacc	1260
50	aaagaatgta	gaccatgtcc	agcaggaacg	gagcctgcac	ttggctttga	atataaatgg	1320
52	tggaaatgtc	ttcctggcaa	catgaaaact	tcctgcttca	atgttgggaa	ttcaaagtgc	1380
54	gatggaatga	atggttgagg	ggtggctgga	gatcatatcc	agagtggggc	tggaggttct	1440

SEQUENCE LISTING<110> Kevin Baker et al.<120> HUMAN
TUMOR NECROSIS FACTOR RECEPTOR TR16<130> PF514P1<150> 60/268,364<151> 2001-
02-14<150> 09/637,856<151> 2000-08-10<150> 60/148,348<151> 1999-08-12<150>
60/148,683<151> 1999-08-13<150> 60/148,758<151> 1999-08-16<150>
60/148,870<151> 1999-08-13<150> 60/149,181<151> 1999-08-17<150>
60/149,453<151> 1999-08-18<150> 60/149,498<151> 1999-08-19<160> 43 <170>
PatentIn version 3.1<210> 1<211> 3390<212> DNA<213> human<400> 1

(sample of submitted file)

major format errors

Please contact Robert Wax at 703-306-4119 or
703-308-4216
for assistance

FYI

...the ...
...in the <220> to <223> fields of
each sequence using n or Xaa.